

	Docket Number:	Application Number:
	12052.20US01	09/382,182
	Applicant: HAGIWARA	
	Filing Date: August 24, 1999	Group Art Unit: 1763

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME			
grag	4,634,496 ✓	January, 1987	Mase, et al.			
	4,673,456 ✓	June, 1987	Specnser, et al.			
	5,178,957 ✓	January, 1993	Kolpe, et al.			
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	5,399,237 ✓	March, 1995	Keswick, et al.			
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	5,665,643 ✓	Scptember, 1997	Shin			
	5,665,845 ✓	September, 1997	Allman			
	5,932,487 ✓	August, 1999	Lou, et al.			
grag	5,891,234 ✓	April, 1999	Koyanagi, et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY			
grag	9-64037 ✓	March, 1997	Japan			Abstract
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						



EXAMINER	George Goudreau	DATE CONSIDERED	5-02
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.